

THE LANCET

Infectious Diseases

Supplementary appendix

This appendix formed part of the original submission and has been peer reviewed. We post it as supplied by the authors.

Supplement to: Fink DL, Callaby H, Luintel A, et al. Clinical features and management of individuals admitted to hospital with monkeypox and associated complications across the UK: a retrospective cohort study. *Lancet Infect Dis* 2022; published online Dec 22. [https://doi.org/10.1016/S1473-3099\(22\)00806-4](https://doi.org/10.1016/S1473-3099(22)00806-4).

Admission indication	Bacterial organism
Severe rectal or perianal pain	<i>MRSA</i>
Tonsillitis	<i>MRSA</i>
URT disease affecting swallowing or airways	<i>Streptococcus pyogenes</i>
URT disease affecting swallowing or airways	<i>Streptococcus pyogenes</i>
URT involvement affecting swallowing	<i>Streptococcus dysgalactiae</i>
Throat pain without affecting swallowing or airways	<i>Streptococcus dysgalactiae</i>
URT disease affecting swallowing or airways	<i>Streptococcus dysgalactiae</i>
URT disease affecting swallowing or airways	<i>Streptococcus dysgalactiae</i>
Tonsillitis	<i>Streptococcus pyogenes</i> , <i>Streptococcus dysgalactiae</i> and <i>Corynebacterium diphtheriae</i>

Supplementary table 1. Bacterial organisms identified on throat swab organised by indication for admission

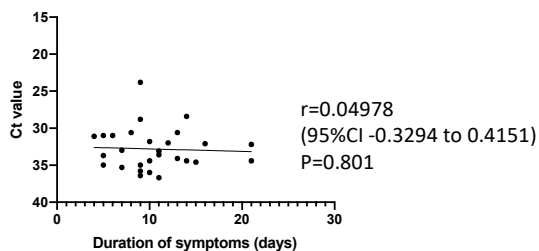
MRSA = methicillin-resistant *Staphylococcus aureus*

Admission indication	Indication for surgery	In theatre	Operation
Secondary bacterial infection	Perianal abscess	Yes	EUA
Severe rectal or perianal pain	Perianal abscess	Yes	EUA, incision and drainage
Severe rectal or perianal pain	Perianal abscess	Yes	Incision and drainage
Severe rectal or perianal pain	Perianal abscess	Yes	EUA, incision and drainage
Secondary bacterial infection	Groin abscess	Yes	Incision and drainage
Secondary bacterial infection	Groin abscess	Yes	Incision and drainage
Severe rectal or perianal pain	Ischiorectal abscess	Yes	Incision and drainage
Secondary bacterial infection	Paronychia	No	Debridement
Ocular or periocular disease	Necrotising conjunctivitis	No	Debridement, amniotic membrane graft
Secondary bacterial infection	Necrotising skin and soft tissue infection (nasal)	No	Debridement

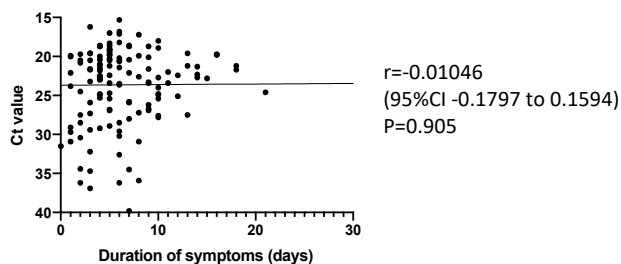
Supplementary table 2. Surgical procedures undertaken in individuals hospitalised with monkeypox and associated complications

EUA = exploration under anaesthesia

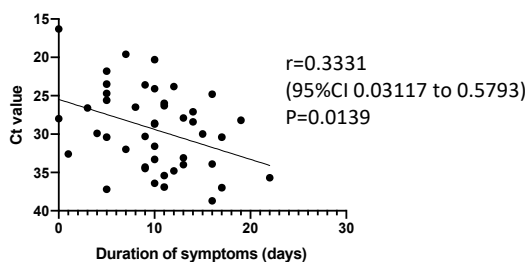
Correlation of blood orthopox PCR Ct value against duration of symptoms



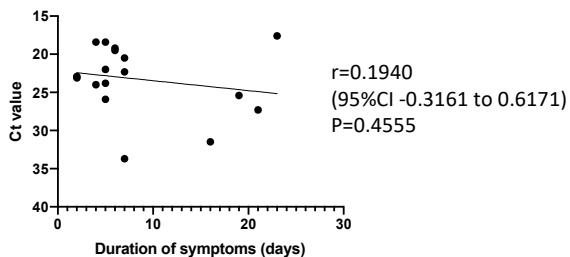
Correlation of lesion orthopox PCR Ct value against duration of symptoms



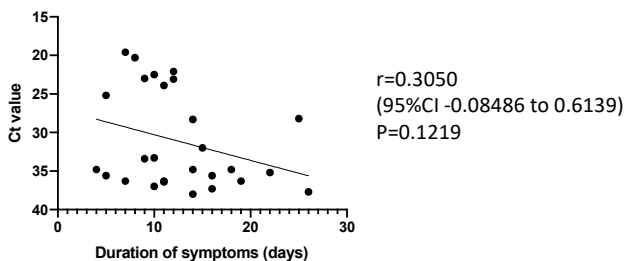
Correlation of throat orthopox PCR Ct value against duration of symptoms



Correlation of rectum orthopox PCR Ct value against duration of symptoms

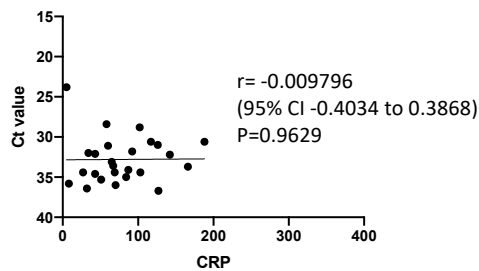


Correlation of urine orthopox PCR Ct value against duration of symptoms

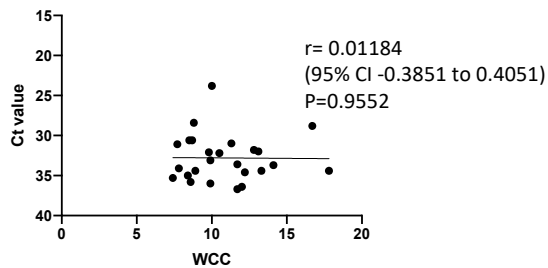


Supplementary figure 1. Lowest orthopox cycle threshold values correlated with duration of symptoms for each anatomical sampling site

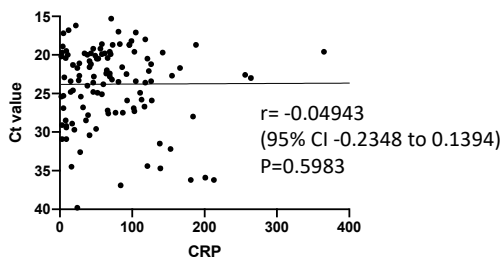
Correlation of blood orthopox PCR Ct value against CRP



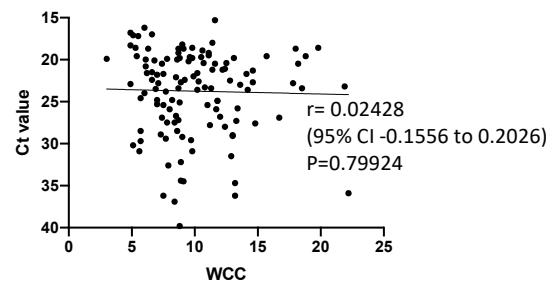
Correlation of blood orthopox PCR Ct value against WCC



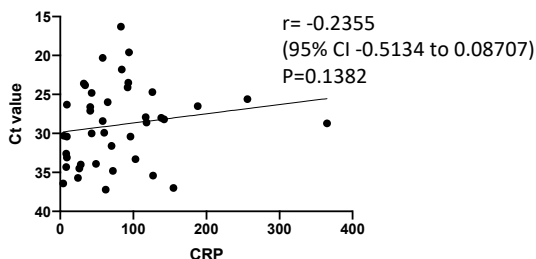
Correlation of lesion orthopox PCR Ct value against CRP



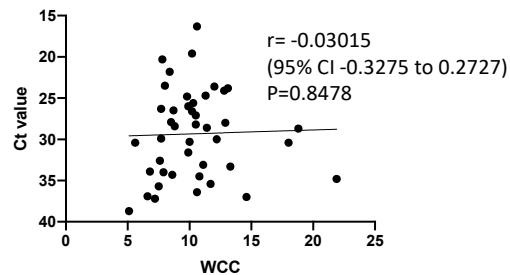
Correlation of lesion orthopox PCR Ct value against WCC



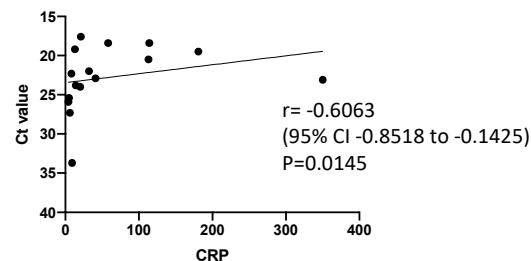
Correlation of throat orthopox PCR Ct value against CRP



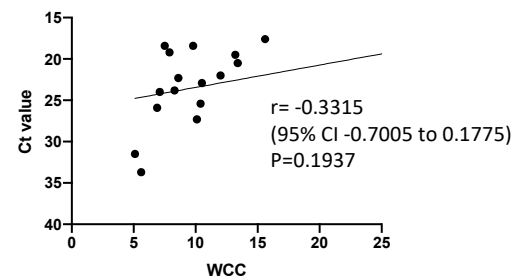
Correlation of throat orthopox PCR Ct value against WCC



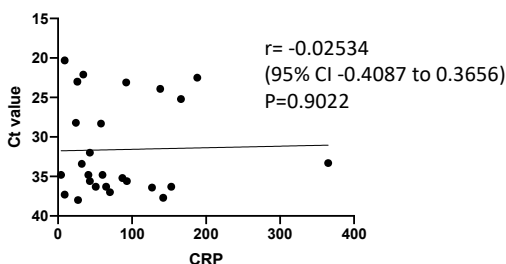
Correlation of rectum orthopox PCR Ct value against CRP



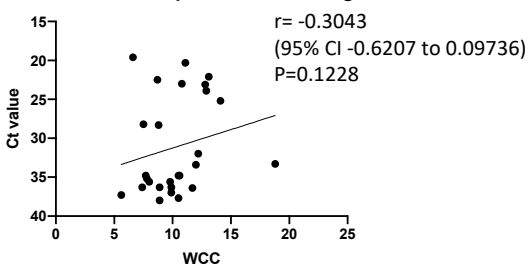
Correlation of rectum orthopox PCR Ct value against WCC



Correlation of urine orthopox PCR Ct value against CRP

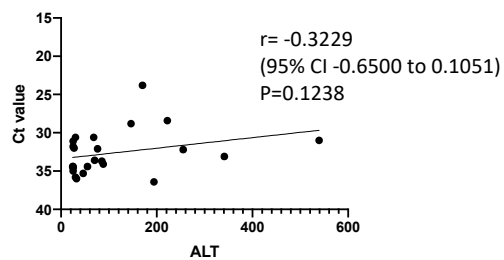


Correlation of urine orthopox PCR Ct value against WCC

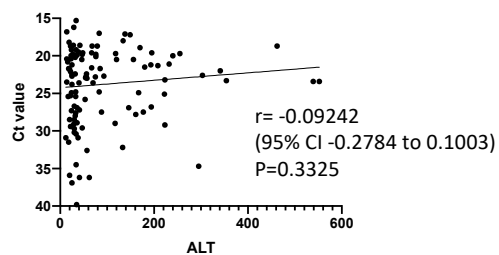


Supplementary figure. 2. Lowest orthopox cycle threshold values correlated with inflammatory markers for each anatomical sampling site

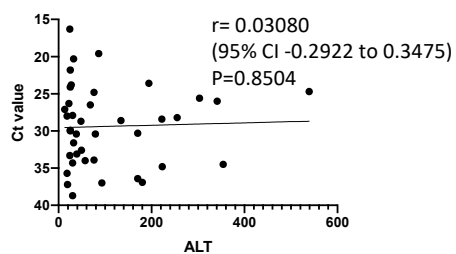
Correlation of blood orthopox PCR Ct value and ALT



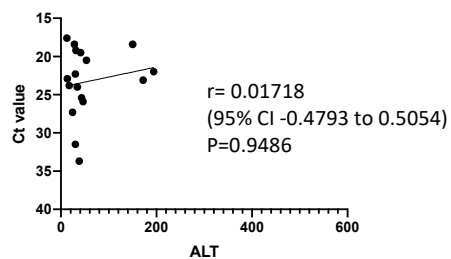
Correlation of lesion orthopox PCR Ct value against ALT



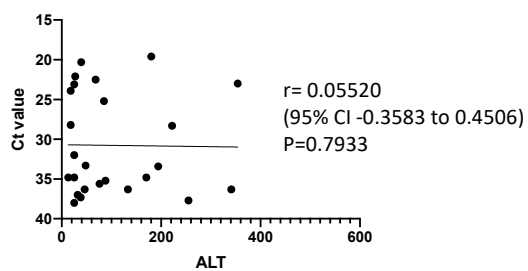
Correlation of throat orthopox PCR Ct value against ALT



Correlation of rectum orthopox PCR Ct value against ALT



Correlation of urine orthopox PCR Ct value against ALT



Supplementary figure 3. Lowest orthopox cycle threshold values correlated with ALT for each anatomical sampling site

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HSL = Health Services Laboratories

RIPL = Rare and Imported Pathogens Laboratory